

CASTERSHOX SERIES

1,000 LBS maximum capacity

casterdepot.com



Item Shown: 57-08202-61-1XD9

BENEFITS

The CasterShoX series are high performance caster products with a suspension system built directly into the wheel. Fully compatible with legacy caster equipment, CasterShoX offers a cost effective means of implementing noise reduction, shock absorption and vibration attenuation into your material handling equipment. CasterShoX can reduce noise by as much as 15 dbA and shock loads by a factor of 5.

OPTIONS

Brakes:

Poly Lock: P*
Face Contact: F

Swivel Locks:

Factory Installed: L
Demountable: DL
Passive: PL

Sealed Swivel: SSW**

Toe Guard: TG

*For wheels with diameter >6

** Available in the 51 series, 57 series is presealed

APPLICATIONS

CasterShoX casters are ideal for instances where workplace safety relating to hearing conservation is a concern. CasterShoX casters have the ability to reduce workplace noise levels by as much as 15 dba. In addition, CasterShoXs work great for transporting fragile components, or meeting ergonomic requirements.

FEATURES

Swivel Section: Available in a standard kingpinless style swivel (51 Series) or a maintenance free kingpinless style swivel (57 Series)

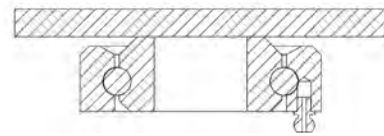
Legs: 1/4" x 2" steel, formed and continuously welded on the inside and outside to the yoke base.

Wheels: 6" to 8" diameter wheels are available with sealed precision ball bearings.

Finish: Clear zinc plating.

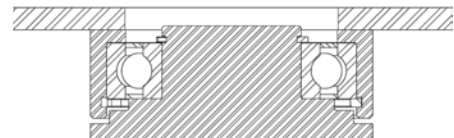
| Top Plate Size | Bolt Hole Spacing | Bolt Diameter |
|-------------------|--|---------------|
| Std: 4.0 x 5.0 | 2.625 x 3.625 Slotted to 3.0 x 3.0 | 0.375 |
| OT 60: 4.5 x 6.25 | 2.438 x 4.938 Slotted to 3.375 x 5.25 | 0.5 |
| OT 70: 5.0 x 7.25 | 3.375 x 5.25 Slotted to 4.125 x 6.125 | 0.5 |

51 Series Cross Sectional View



| Top Plate Size | Bolt Hole Spacing | Bolt Diameter |
|-------------------|--|---------------|
| Std: 4.5 x 6.25 | 2.438 x 4.938 Slotted to 3.375 x 5.25 | 0.5 |
| OT 70: 5.0 x 7.25 | 3.375 x 5.25 Slotted to 4.125 x 6.125 | 0.5 |

57 Series Cross Sectional View



| WHEEL | | | | CAPACITY | | | PART NUMBER | | |
|-------|-------|------------------|--------|----------------|-------|-------------|------------------|---------------|-------|
| Dia. | Width | Material | Series | Precision Ball | OAH | Swivel Lead | Precision Ball | Swivel Radius | Wt. |
| 6 | 2.00 | T/R Polyurethane | 9 | 1,000 | 8.00 | 3.00 | 51-06202-61-1XD9 | 6.08 | 9.57 |
| 6 | 2.00 | T/R Polyurethane | 8 | 750 | 8.00 | 3.00 | 51-06202-61-1XD8 | 6.08 | 9.57 |
| 6 | 2.00 | T/R Polyurethane | 7 | 400 | 8.00 | 3.00 | 51-06202-61-1XD7 | 6.08 | 9.57 |
| 6 | 2.00 | T/R Polyurethane | 6 | 200 | 8.00 | 3.00 | 51-06202-61-1XD6 | 6.08 | 9.57 |
| 8 | 2.00 | T/R Polyurethane | 9 | 1,000 | 10.13 | 3.00 | 51-08202-61-1XD9 | 7.07 | 12.58 |
| 8 | 2.00 | T/R Polyurethane | 8 | 750 | 10.13 | 3.00 | 51-08202-61-1XD8 | 7.07 | 12.58 |
| 8 | 2.00 | T/R Polyurethane | 7 | 400 | 10.13 | 3.00 | 51-08202-61-1XD7 | 7.07 | 12.58 |
| 8 | 2.00 | T/R Polyurethane | 6 | 200 | 10.13 | 3.00 | 51-08202-61-1XD6 | 7.07 | 12.58 |
| 6 | 2.00 | T/R Polyurethane | 9 | 1,000 | 8.50 | 2.75 | 57-06202-61-1XD9 | 5.84 | 11.57 |
| 6 | 2.00 | T/R Polyurethane | 8 | 750 | 8.50 | 2.75 | 57-06202-61-1XD8 | 5.84 | 11.57 |
| 6 | 2.00 | T/R Polyurethane | 7 | 400 | 8.50 | 2.75 | 57-06202-61-1XD7 | 5.84 | 11.57 |
| 6 | 2.00 | T/R Polyurethane | 6 | 200 | 8.50 | 2.75 | 57-06202-61-1XD6 | 5.84 | 11.57 |
| 8 | 2.00 | T/R Polyurethane | 9 | 1,000 | 10.50 | 2.75 | 57-08202-61-1XD9 | 6.82 | 15.30 |
| 8 | 2.00 | T/R Polyurethane | 8 | 750 | 10.50 | 2.75 | 57-08202-61-1XD8 | 6.82 | 15.30 |
| 8 | 2.00 | T/R Polyurethane | 7 | 400 | 10.50 | 2.75 | 57-08202-61-1XD7 | 6.82 | 15.30 |
| 8 | 2.00 | T/R Polyurethane | 6 | 200 | 10.50 | 2.75 | 57-08202-61-1XD6 | 6.82 | 15.30 |

Capacity listed is for manual operation. For powered operations, consult factory.
 Part Numbers listed are for the swivel casters. For rigid casters, change the last digit from 1 to 2 (i.e. 50-08202-61-2XD7 or 57-08202-61-2XD7)
 Estimated weight is for swivel caster. Deduct 20 percent of swivel caster weight for rigid casters.
 All dimensions are in inches. All weights are in pounds.
 These can also be manufactured in HPPT and T/R-95 material tires. For HPPT, the -61- would change to -90- and for T/R-95, the -61- would change to -91-.

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CASTERSHOX CASTERS WERE USED ON OIL CONSUMPTION CARTS TO ELIMINATE THE CRACKING OF THE PREVIOUS SWIVEL SECTIONS AFTER A FEW MONTHS OF USE.